

What is claimed is:

1. An objective lens used in an optical head,
comprising:

(a) a convex lens; and

(b) a chromatic aberration correcting optical element,

wherein a center of gravity of the objective lens is
arranged substantially on a straight line connecting
supporting points for the objective lens.

2. The objective of claim 1, further comprising a lens
frame for supporting the convex lens and the chromatic
aberration correcting optical element, wherein the center of
gravity of the objective lens is a combined center of gravity
of the entire objective lens including the convex lens, the
chromatic aberration correcting optical element and the lens
frame.

3. The objective lens of claim 1, wherein the convex
lens has a one-element lens.

4. The objective lens of claim 1, wherein the convex
lens has a two-element lens.

5. An optical head for recording and reading information including an objective lens used for an optical head, the objective lens comprising:

(a) a convex lens; and

(b) a chromatic aberration correcting optical element,

wherein a center of gravity of the objective lens is arranged substantially on a straight line connecting supporting points for the objective lens.